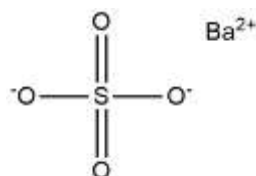


TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

### BARIUM SULPHATE 97,5 % AR

Baryte, Blanc fixe



<b>Product Code</b>	O-5044	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	97,5%	<b>CAS No</b>	7727-43-7
<b>Molecular Formula</b>	BaSO <sub>4</sub>	<b>Molecular Weight</b>	233.39 g/mol
<b>H.S.Code</b>	2833-27-00	<b>Shelf Life</b>	60 Months

## Physical Properties

<b>Physical state</b>	powder	<b>Melting point</b>	1,580°C
<b>Colour</b>	White	<b>Relative density</b>	4,400 g/cm <sup>3</sup> at 20 °C
<b>pH</b>	7	<b>Boiling point</b>	1,600 °C at 1013 hPa
<b>Solubility in water</b>	Insoluble		

## Packaging

500 gram

## Specification

Appearance	White crystalline powder or crystals or chunks
Assay (complexometric)	min 99.0 %
Insoluble matter	max 0.005 %
pH (5% w/v solution in water; 25°C)	5.2 – 8.2
Oxidizing substances (as NO <sub>3</sub> )	max 0.005 %
Calcium (Ca)	max 0.05 %
Iron (Fe)	max 0.0002 %
Heavy metals (as Pb)	max 0.0005 %
Potassium (K)	max 0.0025 %
Sodium (Na)	max 0.005 %
Strontium (Sr)	max 0.1 %
Loss on drying at 150 °C	14.0 – 16.0 %

## Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available

Labotiq